

Anti-Fructose-bisphosphate aldolase 6, cytosolic, C-terminal antibody

Catalog: PHY0156A

Product Information

Description:	Rabbit polyclonal antibody
Background:	Fructose 1,6-biphosphate aldolase (FBA) is Aldolase superfamily protein. It is a key enzyme in plants, which is involved not only in glycolysis and gluconeogenesis in the cytoplasm, but also in the Calvin cycle in plastids. In the current study, eight FBA family genes (AtFBA1-8) were identified and analyzed in <i>Arabidopsis thaliana</i> : FBA1 (AT2G21330), FBA2 (AT4G38970), FBA3 (AT2G01140), FBA4 (AT5G03690), FBA5 (AT4G26530), FBA6 (AT2G36460), FBA7 (AT4G26520), FBA8 (AT3G52930).
Synonyms:	FBA6, FRUCTOSE-BISPHOSPHATE ALDOLASE 6
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> FBA6 (AT2G36460).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen Affinity Purified
Reconstitution:	Reconstitution with 150µl of sterile 1×PBS (PH=7.4). "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	38 kDa

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Vitis vinifera*, *Gossypium raimondii*, *Brassica rapa*, *Brassica napus*, *Triticum aestivum*, *Hordeum vulgare*, *Glycine max*, *Medicago truncatula*, *Populus trichocarpa*, *Oryza sativa*, *Cucumis sativus*. The sequence of the synthetic peptide used for immunization is 87% (13 / 15) homologues with the sequence in FBA8 (AT3G52930), FBA4 (AT5G03690).

For more species homologues information, please contact tech support at tech@phytoab.com.